

THE ARCHES ACCESS REAL TOOLKIT

Empowering Teachers and Students to Achieve REAL Success

WHY IS MATH SUCCESS IMPORTANT? *The Two Faces of Mathematics Education:*

1: MATH AS A GATEKEEPER

- + 70% of students who do not pass Algebra by the 9th grade will drop-out of high-school (*The California Dropout Research Project, 2008*)
- + Only 32% of our students are at or above the “proficient” level in Grade 8 (*National Mathematics Advisory Panel, 2008*)
- + Large disparities in math success related to **race and family income** leads to large disparities in access to college and career opportunities (*National Mathematics Advisory Panel, 2008*)

2: MATH AS A GATEWAY

- + Success in mathematics correlates strongly with access to college, graduation from college, and getting high quality jobs in science, technology, engineering, and mathematics (STEM) (*National Mathematics Advisory Panel, 2008*)
- + Students who complete Algebra II before graduating high school are 2x as likely to graduate from college as those who did not
- + 8th grade Algebra is the crucial point in students developing a college-going and STEM career attitude

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Become a facilitator of lifelong learning for your students
Professional development training and instructional design tools for teachers.



Help make math accessible to all of your students
Culturally and linguistically relevant and responsive strategies and activities.



A collaborative approach
Work alongside fellow teachers and coaches in training.



Bridge classroom math with real-world math
Teach CCSS mathematical concepts and practices within a real-world context that engages students.

PROVEN SUCCESS

- + 90% of teachers attending our trainings rated them at 4/4
- + 95% of teachers saw an increase in student engagement after our trainings (*ARCHES Slope i3 Teacher Survey*)

WHAT DO TEACHERS SAY?

“It’s made me really challenge my own thoughts as a teacher... to push myself to go ahead and achieve higher.”

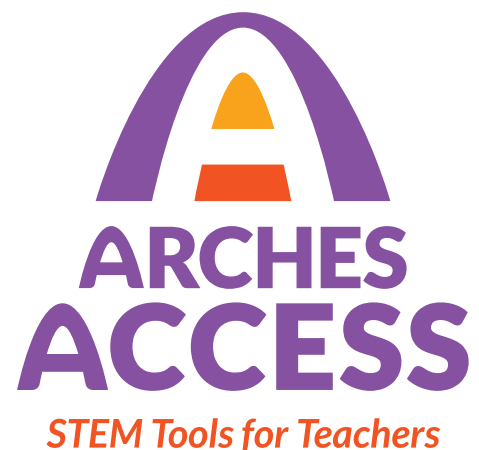
– ROBERT DENITHORNE – TEACHER, PORTERVILLE, CA

“I was looking for ‘something’ to re-kindle my passion to teach and your professional development program and all the support that came with it was just what I was praying for. It gave me a new perspective on teaching and it helped me transition to the “new” Common Core. So, from the bottom of my heart, THANK YOU, THANK YOU, & again THANK YOU.”

– EMMANUEL DEL MUNDO – TEACHER, LOS ANGELES, CA

“It has allowed me as a teacher to ask those important, imperative questions that drive the thinking instead of just being an answer-giver.”

– MICHAEL MOSER – TEACHER, ANTIOCH, CA



Please contact us to discuss options for launching Arches ACCESS in your district or organization. By partnering together, we can help prepare your students to be college and career ready.

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